# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L3 | 46 | 2 not 1 | US-PGPUB; USPAT | OR | OFF | 2010/09/29 14:16 |
| L2 | 91 | (US-6616118-$ or US-2117456-$ or US-3834664-$ or US-4449694-$ or US-6820651-$ or US-4553562-$ or US-4386756-$ or US-4483511-$ or US-5129417-$ or US-4572239-$ or US-5181539-$ or US-4108196-$ or US-4685488-$ or US-4388945-$ or US-5947443-$ or US-5595206-$ or US-5419532-$ or US-6129115-$ or US-4813649-$ or US-3384337-$ or US-3934606-$ or US-3675895-$ or US-3101740-$ or US-3647179-$ or US-RE26998-$ or US-6511004-$).did. or (US-4696323-$ or US-5730420-$ or US-4881718-$ or US-3347517-$ or US-3647178-$ or US-3508738-$ or US-4936546-$ or US-3528448-$ or US-3542054-$ or US-3151837-$ or US-4657222-$ or US-3168900-$ or US-3735956-$ or US-3223111-$ or US-4683906-$ or US-4725042-$ or US-5064167-$ or US-4759530-$ or US-6482181-$ or US-5402983-$ or US-3066909-$ or US-3760836-$ or US-6161569-$ or US-5769328-$ or US-3218024-$ or US-4099705-$ or US-4441524-$).did. or (US-4505294-$ or US-5927687-$ or US-5979491-$ or US-3795385-$ or US-5326074-$ or US-5562116-$ or US-5295627-$ or US-5205536-$ or US-4262688-$ or US-5868378-$ or US-5746417-$ or US-4099543-$ or US-4771803-$ or US-4318420-$ or US-4928921-$ or US-4566482-$ or US-3974869-$ or US-6382532-$ or US-4791953-$ or US-6578598-$ or US-2885179-$ or US-4085770-$ or US-4423749-$ or US-4573498-$ or US-6289915-$ or US-3463449-$ or US-3599932-$).did. or (US- | USPAT; USOCR | OR | OFF | 2010/09/29 14:16 |

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|---|---|---|---|---|---|---|
| | | 5181691-$ or US-4709902-$ or US-4606368-$).did. or (US-3214135-$ or US-2885179-$ or US-3041036-$ or US-3276740-$ or US-3223111-$ or US-3236495-$ or US-3195560-$ or US-3168900-$).did. | | | | |
| L1 | 109 | ("2029438" \| "2032316" \| "2045113" \| "2069013" \| "2114933" \| "2177873" \| "2206370" \| "2289722" \| "2885179" \| "3038489" \| "3066909" \| "3108779" \| "3168900" \| "3192943" \| "3214135" \| "3223111" \| "3236495" \| "3276740" \| "3552717" \| "3553717" \| "3575379" \| "3576309" \| "3589675" \| "3599932" \| "3601363" \| "3647178" \| "3647179" \| "3648723" \| "3685793" \| "3705707" \| "3735957" \| "3760836" \| "3779513" \| "3780985" \| "3782686" \| "3792835" \| "3815870" \| "3869108" \| "3883112" \| "3916943" \| "3931954" \| "3934606" \| "3974869" \| "3974869" \| "4085770" \| "4099543" \| "4108196" \| "4126295" \| "4147326" \| "4192483" \| "4262688" \| "4293038" \| "4318420" \| "4319664" \| "4339112" \| "4388945" \| "4390039" \| "4410003" \| "4423749" \| "4441524" \| "4475713" \| "4479513" \| "4483511" \| "4506696" \| "4519414" \| "4535970" \| "4538790" \| "4548384" \| "4566482" \| "4572231" \| "4572239" \| "4573498" \| "4576234" \| "4579316" \| "4601308" \| "4617957" \| "4632140" \| "4637421" \| "4641681" \| "4657222" \| "4658978" \| "4662394" \| "4683906" \| "4685488" \| "4696323" \| "4759530" \| "4815701" \| "4911408" \| "4917354" \| "5056758" \| "5117858" \| "5129417" \| "5193573" \| "5205536" \| "5215286" \| "5313976" \| "5326074" \| "5419532" \| "5482253" \| "5551479" \| | US-PGPUB; USPAT | OR | OFF | 2010/09/29 14:16 |

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| | | "5562116" \| "5595206" \| "5685338" \| "5707042" \| "5730420" \| "5779222" \| "5868378" \| "5954088" \| "6161569" \| "6511004").PN. | | | | |
| S211 | 286 | (251/.315.08-315.09).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/09/29 11:12 |
| S210 | 155 | S208 or S209 | US-PGPUB; USPAT | OR | OFF | 2010/09/29 09:16 |
| S209 | 91 | (US-6616118-$ or US-2117456-$ or US-3834664-$ or US-4449694-$ or US-6820651-$ or US-4553562-$ or US-4386756-$ or US-4483511-$ or US-5129417-$ or US-4572239-$ or US-5181539-$ or US-4108196-$ or US-4685488-$ or US-4388945-$ or US-5947443-$ or US-5595206-$ or US-5419532-$ or US-6129115-$ or US-4813649-$ or US-3384337-$ or US-3934606-$ or US-3675895-$ or US-3101740-$ or US-3647179-$ or US-RE26998-$ or US-6511004-$).did. or (US-4696323-$ or US-5730420-$ or US-4881718-$ or US-3347517-$ or US-3647178-$ or US-3508738-$ or US-4936546-$ or US-3528448-$ or US-3542054-$ or US-3151837-$ or US-4657222-$ or US-3168900-$ or US-3735956-$ or US-3223111-$ or US-4683906-$ or US-4725042-$ or US-5064167-$ or US-4759530-$ or US-6482181-$ or US-5402983-$ or US-3066909-$ or US-3760836-$ or US-6161569-$ or US-5769328-$ or US-3218024-$ or US-4099705-$ or US-4441524-$).did. or (US-4505294-$ or US-5927687-$ or US-5979491-$ or US-3795385-$ or US-5326074-$ or US-5562116-$ or US-5295627-$ or US-5205536-$ or US-4262688-$ or US-5868378-$ or US-5746417-$ or US-4099543-$ or US-4771803-$ or US-4318420-$ or US-4928921-$ or US-4566482-$ or US-3974869-$ or US-6382532-$ or US-4791953-$ or US-6578598-$ or US-2885179-$ or US-4085770-$ or US-4423749-$ or US-4573498-$ or US-6289915-$ or US-3463449-$ or US-3599932-$).did. or (US-5181691-$ or US-4709902-$ or | USPAT; USOCR | OR | OFF | 2010/09/29 09:16 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | US-4606368-$).did. or (US-3214135-$ or US-2885179-$ or US-3041036-$ or US-3276740-$ or US-3223111-$ or US-3236495-$ or US-3195560-$ or US-3168900-$).did. | | | | |
| S208 | 109 | ("2029438" \| "2032316" \| "2045113" \| "2069013" \| "2114933" \| "2177873" \| "2206370" \| "2289722" \| "2885179" \| "3038489" \| "3066909" \| "3108779" \| "3168900" \| "3192943" \| "3214135" \| "3223111" \| "3236495" \| "3276740" \| "3552717" \| "3553717" \| "3575379" \| "3576309" \| "3589675" \| "3599932" \| "3601363" \| "3647178" \| "3647179" \| "3648723" \| "3685793" \| "3705707" \| "3735957" \| "3760836" \| "3779513" \| "3780985" \| "3782686" \| "3792835" \| "3815870" \| "3869108" \| "3883112" \| "3916943" \| "3931954" \| "3934606" \| "3974869" \| "3974869" \| "4085770" \| "4099543" \| "4108196" \| "4126295" \| "4147326" \| "4192483" \| "4262688" \| "4293038" \| "4318420" \| "4319664" \| "4339112" \| "4388945" \| "4390039" \| "4410003" \| "4423749" \| "4441524" \| "4475713" \| "4479513" \| "4483511" \| "4506696" \| "4519414" \| "4535970" \| "4538790" \| "4548384" \| "4566482" \| "4572231" \| "4572239" \| "4573498" \| "4576234" \| "4579316" \| "4601308" \| "4617957" \| "4632140" \| "4637421" \| "4641681" \| "4657222" \| "4658978" \| "4662394" \| "4683906" \| "4685488" \| "4696323" \| "4759530" \| "4815701" \| "4911408" \| "4917354" \| "5056758" \| "5117858" \| "5129417" \| "5193573" \| "5205536" \| "5215286" \| "5313976" \| "5326074" \| "5419532" \| "5482253" \| "5551479" \| "5562116" \| "5595206" \| | US-PGPUB; USPAT | OR | OFF | 2010/09/29 09:16 |

| | | "5685338" | "5707042" | "5730420" | "5779222" | "5868378" | "5954088" | "6161569" | "6511004").PN. | | | | |
|---|---|---|---|---|---|
| S207 | 27 | S205 and S206 | US-PGPUB; USPAT | OR | OFF | 2010/09/29 09:16 |
| S206 | 88 | (US-6616118-$ or US-2117456-$ or US-3834664-$ or US-4449694-$ or US-6820651-$ or US-4553562-$ or US-4386756-$ or US-4483511-$ or US-5129417-$ or US-4572239-$ or US-5181539-$ or US-4108196-$ or US-4685488-$ or US-4388945-$ or US-5947443-$ or US-5595206-$ or US-5419532-$ or US-6129115-$ or US-4813649-$ or US-3384337-$ or US-3934606-$ or US-3675895-$ or US-3101740-$ or US-3647179-$ or US-RE26998-$ or US-6511004-$).did. or (US-4696323-$ or US-5730420-$ or US-4881718-$ or US-3347517-$ or US-3647178-$ or US-3508738-$ or US-4936546-$ or US-3528448-$ or US-3542054-$ or US-3151837-$ or US-4657222-$ or US-3168900-$ or US-3735956-$ or US-3223111-$ or US-4683906-$ or US-4725042-$ or US-5064167-$ or US-4759530-$ or US-6482181-$ or US-5402983-$ or US-3066909-$ or US-3760836-$ or US-6161569-$ or US-5769328-$ or US-3218024-$ or US-4099705-$ or US-4441524-$).did. or (US-4505294-$ or US-5927687-$ or US-5979491-$ or US-3795385-$ or US-5326074-$ or US-5562116-$ or US-5295627-$ or US-5205536-$ or US-4262688-$ or US-5868378-$ or US-5746417-$ or US-4099543-$ or US-4771803-$ or US-4318420-$ or US-4928921-$ or US-4566482-$ or US-3974869-$ or US-6382532-$ or US-4791953-$ or US-6578598-$ or US-2885179-$ or US-4085770-$ or US-4423749-$ or US-4573498-$ or US-6289915-$ or US-3463449-$ or US-3599932-$).did. or (US-3214135-$ or US-2885179-$ or US-3041036-$ or US-3276740-$ or US-3223111-$ or US-3236495-$ or US-3195560-$ or US- | USPAT; USOCR | OR | OFF | 2010/09/29 09:16 |

| | | 3168900-$).did. | | | | |
|---|---|---|---|---|---|---|
| S205 | 286 | (251/315.08-315.09).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/09/29 09:16 |
| S204 | 51 | S200 and temperat$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:16 |
| S203 | 5 | S200 and (polyfluoroalkoxy or polyflouroalkoxy or pfa) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:16 |
| S202 | 10 | S200 and polymer | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:16 |
| S201 | 49 | S200 and (ptfe or polytetrafluoroethylene or teflon) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/29 09:16 |
| S200 | 168 | S199 or S196 | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:15 |
| S199 | 103 | ("2029438" \| "2032316" \| "2045113" \| "2069013" \| "2114933" \| "2177873" \| "2206370" \| "2289722" \| "3038489" \| "3108779" \| "3192943" \| "3552717" \| "3575379" \| "3576309" \| "3589675" \| "3599932" \| "3601363" \| "3648723" \| "3685793" \| "3705707" \| "3735957" \| "3779513" \| "3780985" \| "3782686" \| "3792835" \| "3815870" \| "3869108" \| "3883112" \| "3916943" \| "3931954" \| "3934606" \| "3974869" \| "3066909" \| "3589675" \| "3599932" \| "4085770" \| "4099543" \| "4108196" \| "4126295" \| "4147326" \| "4192483" \| "4293038" \| "4318420" \| "4319664" \| "4339112" \| "4388945" \| "4390039" \| "4410003" \| "4423749" \| "4475713" \| "4479513" \| "4483511" \| "4506696" \| "4519414" \| "4535970" \| "4538790" \| "4548384" \| "4566482" \| "4572231" \| "4572239" \| "4576234" \| "4579316" \| "4601308" \| "4617957" \| "4632140" \| "4637421" \| "4641681" \| "4657222" \| "4658978" \| "4662394" \| "4683906" \| "4685488" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:15 |

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| | | "4815701" \| "4911408" \| "4917354" \| "5056758" \| "5117858" \| "5193573" \| "5205536" \| "5215286" \| "5313976" \| "5326074" \| "5419532" \| "5482253" \| "5551479" \| "5562116" \| "5595206" \| "5685338" \| "5707042" \| "5730420" \| "5779222" \| "5868378" \| "5954088").PN. | | | | |
| S198 | 148 | S196 or S197 | US-PGPUB; USPAT | OR | OFF | 2010/09/29 09:15 |
| S197 | 91 | ("2029438" \| "2032316" \| "2045113" \| "2069013" \| "2114933" \| "2177873" \| "2206370" \| "2289722" \| "3038489" \| "3108779" \| "3192943" \| "3552717" \| "3575379" \| "3576309" \| "3589675" \| "3599932" \| "3601363" \| "3648723" \| "3685793" \| "3705707" \| "3735957" \| "3779513" \| "3780985" \| "3782686" \| "3792835" \| "3815870" \| "3869108" \| "3883112" \| "3916943" \| "3931954" \| "3934606" \| "3974869" \| "3066909" \| "3589675" \| "3599932" \| "4085770" \| "4099543" \| "4108196" \| "4126295" \| "4147326" \| "4192483" \| "4293038" \| "4318420" \| "4319664" \| "4339112" \| "4388945" \| "4390039" \| "4410003" \| "4423749" \| "4475713" \| "4479513" \| "4483511" \| "4506696" \| "4519414" \| "4535970" \| "4538790" \| "4548384" \| "4566482" \| "4572231" \| "4572239" \| "4576234" \| "4579316" \| "4601308" \| "4617957" \| "4632140" \| "4637421" \| "4641681" \| "4657222" \| "4658978" \| "4662394" \| "4683906" \| "4685488" \| "4815701" \| "4911408" \| "4917354" \| "5056758" \| "5117858" \| "5193573" \| "5205536" \| "5215286" \| "5313976" \| "5326074" \| "5419532" \| "5482253" \| "5551479" \| "5562116" \| | US-PGPUB; USPAT | OR | OFF | 2010/09/29 09:15 |

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|---|---|---|---|---|---|---|
| | | "5595206" \| "5685338" \| "5707042" \| "5730420" \| "5779222" \| "5868378" \| "5954088").PN. | | | | |
| S196 | 88 | (US-6616118-$ or US-2117456-$ or US-3834664-$ or US-4449694-$ or US-6820651-$ or US-4553562-$ or US-4386756-$ or US-4483511-$ or US-5129417-$ or US-4572239-$ or US-5181539-$ or US-4108196-$ or US-4685488-$ or US-4388945-$ or US-5947443-$ or US-5595206-$ or US-5419532-$ or US-6129115-$ or US-4813649-$ or US-3384337-$ or US-3934606-$ or US-3675895-$ or US-3101740-$ or US-3647179-$ or US-RE26998-$ or US-6511004-$).did. or (US-4696323-$ or US-5730420-$ or US-4881718-$ or US-3347517-$ or US-3647178-$ or US-3508738-$ or US-4936546-$ or US-3528448-$ or US-3542054-$ or US-3151837-$ or US-4657222-$ or US-3168900-$ or US-3735956-$ or US-3223111-$ or US-4683906-$ or US-4725042-$ or US-5064167-$ or US-4759530-$ or US-6482181-$ or US-5402983-$ or US-3066909-$ or US-3760836-$ or US-6161569-$ or US-5769328-$ or US-3218024-$ or US-4099705-$ or US-4441524-$).did. or (US-4505294-$ or US-5927687-$ or US-5979491-$ or US-3795385-$ or US-5326074-$ or US-5562116-$ or US-5295627-$ or US-5205536-$ or US-4262688-$ or US-5868378-$ or US-5746417-$ or US-4099543-$ or US-4771803-$ or US-4318420-$ or US-4928921-$ or US-4566482-$ or US-3974869-$ or US-6382532-$ or US-4791953-$ or US-6578598-$ or US-2885179-$ or US-4085770-$ or US-4423749-$ or US-4573498-$ or US-6289915-$ or US-3463449-$ or US-3599932-$).did. or (US-3214135-$ or US-2885179-$ or US-3041036-$ or US-3276740-$ or US-3223111-$ or US-3236495-$ or US-3195560-$ or US-3168900-$).did. | USPAT; USOCR | OR | OFF | 2010/09/29 09:15 |

| S195 | 205 | (251/314).CCLS. | USPAT | OR | OFF | 2010/09/29 09:15 |
|------|-----|-----------------|-------|-----|-----|------------------|
| S194 | 1095 | (251/315.01-315.16).CCLS. | USPAT | OR | OFF | 2010/09/29 09:15 |
| S193 | 634 | (251/316-317.01).CCLS. | USPAT | OR | OFF | 2010/09/29 09:15 |
| S192 | 13 | S191 and snap$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:14 |
| S191 | 68 | (137/15.22).CCLS. | USPAT; USOCR | OR | OFF | 2010/09/29 09:14 |
| S190 | 219 | S189 and machin$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:14 |
| S189 | 557 | S187 and (ptfe or polytetrafluoroethylene or teflon) | USPAT; USOCR | OR | ON | 2010/09/29 09:14 |
| S188 | 3 | S187 and (piece adj packing) | USPAT | OR | OFF | 2010/09/29 09:14 |
| S187 | 2484 | (251/315.01-317.01).CCLS. | USPAT; USOCR | OR | OFF | 2010/09/29 09:14 |
| S186 | 5 | ((JAMES) near2 (GOTCH)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:08 |
| S185 | 2 | ((BRANDON) near2 (FRY)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:08 |
| S184 | 8 | ((ERIC) near2 (KVARDA)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:08 |
| S183 | 5 | ((THOMAS) near2 (LIPPUCCI)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:08 |
| S182 | 11 | ((JARED) near2 (TIMKO)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/29 09:08 |
| S181 | 155 | S179 or S180 | US-PGPUB; USPAT | OR | OFF | 2010/09/21 10:39 |
| S180 | 91 | (US-6616118-$ or US-2117456-$ or US-3834664-$ or US-4449694-$ or US-6820651-$ or US-4553562-$ or US-4386756-$ or US-4483511-$ or US-5129417-$ or US-4572239-$ or US-5181539-$ or US-4108196-$ or US-4685488-$ or US-4388945-$ or US-5947443-$ or US-5595206-$ or US-5419532-$ or US-6129115-$ or US-4813649-$ or US-3384337-$ or US-3934606-$ or US-3675895-$ or US-3101740-$ or US-3647179-$ or US-RE26998- | USPAT; USOCR | OR | OFF | 2010/09/21 10:38 |

| | | $ or US-6511004-$).did. or (US-4696323-$ or US-5730420-$ or US-4881718-$ or US-3347517-$ or US-3647178-$ or US-3508738-$ or US-4936546-$ or US-3528448-$ or US-3542054-$ or US-3151837-$ or US-4657222-$ or US-3168900-$ or US-3735956-$ or US-3223111-$ or US-4683906-$ or US-4725042-$ or US-5064167-$ or US-4759530-$ or US-6482181-$ or US-5402983-$ or US-3066909-$ or US-3760836-$ or US-6161569-$ or US-5769328-$ or US-3218024-$ or US-4099705-$ or US-4441524-$).did. or (US-4505294-$ or US-5927687-$ or US-5979491-$ or US-3795385-$ or US-5326074-$ or US-5562116-$ or US-5295627-$ or US-5205536-$ or US-4262688-$ or US-5868378-$ or US-5746417-$ or US-4099543-$ or US-4771803-$ or US-4318420-$ or US-4928921-$ or US-4566482-$ or US-3974869-$ or US-6382532-$ or US-4791953-$ or US-6578598-$ or US-2885179-$ or US-4085770-$ or US-4423749-$ or US-4573498-$ or US-6289915-$ or US-3463449-$ or US-3599932-$).did. or (US-5181691-$ or US-4709902-$ or US-4606368-$).did. or (US-3214135-$ or US-2885179-$ or US-3041036-$ or US-3276740-$ or US-3223111-$ or US-3236495-$ or US-3195560-$ or US-3168900-$).did. | | | | |
|---|---|---|---|---|---|---|
| S179 | 109 | ("2029438" | "2032316" | "2045113" | "2069013" | "2114933" | "2177873" | "2206370" | "2289722" | "2885179" | "3038489" | "3066909" | "3108779" | "3168900" | "3192943" | "3214135" | "3223111" | "3236495" | "3276740" | "3552717" | "3553717" | "3575379" | "3576309" | "3589675" | "3599932" | "3601363" | "3647178" | "3647179" | "3648723" | "3685793" | "3705707" | "3735957" | "3760836" | "3779513" | "3780985" | "3782686" | "3792835" | | US-PGPUB; USPAT | OR | OFF | 2010/09/21 10:38 |

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"4390039" | "4410003" |
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"4572239" | "4573498" |
"4576234" | "4579916" |
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"6161569" | "6511004").PN.
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9/29/10 2:23:15 PM
C:\ Documents and Settings\ jbastianelli\ My Documents\ EAST\ Workspaces\ 10526738.wsp